

JC072.001A



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant : | WU et al. |) | Group Art Unit: 1645 |
| | |) | |
| Appl. No. : | 09/990,613 |) | |
| | |) | |
| Filed : | November 21, 2001 |) | |
| | |) | |
| For : | COMPOSITIONS AND METHODS |) | |
| | FOR THE ANALYSIS OF MUCIN |) | |
| | GENE EXPRESSION AND |) | |
| | IDENTIFICATION OF DRUGS |) | |
| | HAVING THE ABILITY TO INHIBIT |) | |
| | MUCIN GENE EXPRESSION |) | |
| | |) | |
| Examiner : | Not yet assigned |) | |

PRELIMINARY AMENDMENT

UNITED STATES PATENT AND TRADEMARK OFFICE
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

Applicants respectfully request entry of the following Preliminary Amendment into the Record of the above listed case. Support for this Amendment is provided in the Remarks section below. Applicants also provide herewith a Sequence Submission Statement and accompanying Sequence Listing, and an Information Disclosure Statement with Form PTO-1449.

AMENDMENT

Please amend the application as follows:

Appl. No. : 09/990,613
Filed : November 21, 2001

IN THE DRAWINGS:

Please replace the originally filed FIGURE 6 (7 sheets) with the herewith attached substitute sheets labeled FIGURE 6A, 6B, 6C, 6D, 6E, 6F, 6G and 6H.

Please replace the originally filed FIGURE 10 (one sheet) with the herewith attached substitute sheet labeled FIGURE 10.

Please replace the originally filed FIGURE 11 (two sheets) with the herewith attached substitute sheets labeled FIGURE 11A and FIGURE 11B.

Please replace the originally filed FIGURE 12 (one sheet) with the herewith attached substitute sheet labeled FIGURE 12.

IN THE SPECIFICATION:

Please delete paragraph number **30** found on page 9, and replace it with the following substitute paragraph:

--[0030] FIGS. 6A-6H show 22,773 basepairs of human *MUC5B* genomic region isolated and sequenced from the Cos-1 genomic cosmid clone. This 22.7 kB encompasses 4169 basepairs of sequence upstream of the transcription start site, the 5'-UT and the 30 exons/introns upstream of the *MUC5B* large central exon.--

Please delete paragraph number **35** found on page 10, and replace it with the following substitute paragraph:

--[0035] FIGS. 11A and 11B show the *MUC5B* genomic nucleotide sequence encompassing positions -4169 through +7 that were subcloned into the MUC5B-b2 luciferase reporter construct.--

Please delete paragraph number **149** found on page 46, and replace it with the following substitute paragraph:

--[0149] The present invention provides *MUC5B* reporter constructs suitable for use in drug screening protocols. In one preferred embodiment, the present invention provides a luciferase reporter construct driven by *MUC5B* sequences -4169 to +7, relative to the site of transcription initiation (*i.e.*, the MUC5B-b2 reporter construct). This promoter sequence is